PersonaSync Development Plan

Based on your documents and current status, I'll create a comprehensive plan to develop PersonaSync from your proof-of-concept to a full-fledged product within a 12-month timeframe with your team of 2-3 engineers, 1 designer, and 1 QA person.

Current Status Assessment

•You have a POC with Brain.js and Three.js integration
•The extension is functional but not production-ready
•Need to build out all core components from the devdocs

12-Month Development Roadmap

Month 1-2: Foundation & MVP Core

Team Focus: 2 engineers (frontend/extension), designer (UI/UX)

•Chrome extension scaffold (Manifest V3)
•React integration with hot reload
•Text detection system (IntersectionObserver)
•Basic Brain.js neural net implementation
•.persona JSON schema definition
•Certified domain checker
•Simple 2D visual reaction system (Canvas2D)

Deliverables: Working extension that can detect text on certified LLM sites and display basic visual reactions

Month 3-4: User Feedback & Training

Team Focus: 2 engineers (ML/frontend), designer (training UI)

•Sentiment/keyword extraction
•Visual reaction refinement
•Thought bubble UI implementation

•User feedback system (reinforcement learning)

•Local storage for persona saving/loading

•Basic training sliders in popup UI

Deliverables: Users can train their persona through direct feedback and see visual reactions evolve

Month 5-6: Enhanced Learning & Alpha Launch

Team Focus: 3 engineers (add backend), designer, QA

•Custom keyword/regex patterns

•Experience buffer for batch feedback

•Batch neural net updates

•Intervention brain for suggestions

•Proactive thought bubbles

•Alpha testing program setup

•Basic analytics for user metrics

Deliverables: Alpha version ready for 100 early testers with more sophisticated learning capabilities

Month 7-9: 3D & Plugin System

Team Focus: 2 engineers (3D/plugins), designer (3D assets), QA

•Three.js integration

•GLTF loading and animation

•3D/2D mode toggle

•Plugin API formalization

•Dynamic plugin loading

•Example visual plugin

•Persona import/export

Deliverables: Full 3D persona support and working plugin system for community extensions

Month 10-12: Sharing & Marketplace Prep

Team Focus: 2 engineers (backend/marketplace), designer (marketplace UI), QA

•AGORA marketplace integration

•Persona file validation

•Monetization systems

•Certification backend

•Chrome Store submission

•Documentation finalization

•Marketing materials

Deliverables: Complete v1.0 ready for public launch with marketplace integration

Team Allocation

Engineers (2-3):

•1 Frontend/Extension specialist (Months 1-12)

•1 ML/Neural Net specialist (Months 1-9)

•1 Backend/Plugin API specialist (Months 5-12, optional)

Designer (1):

•UI/UX for extension (Months 1-4)

•3D asset creation (Months 5-8)

•Marketplace UI (Months 9-12)

QA (1):

•Testing from Month 3 onwards

•Automated test setup from Month 6

Funding & Outreach Parallel Track

Month 1-3:

•Create pitch deck

•Apply to Mozilla Open Source Support/NLNet grants

•Identify angel investors

Month 4-6:

•Apply to accelerators (YC, Mozilla Builders)

•Begin crowdfunding prep

•Start strategic partnership conversations

Month 7-9:

•Launch crowdfunding campaign

•Secure first partnerships

•Begin outreach to LLM platforms

Month 10-12:

•Finalize funding rounds

•Prepare marketplace launch

•Plan public launch event

Immediate Next Steps

1.**Codebase Organization:**

•Set up proper repo structure

•Implement CI/CD pipeline

•Document current POC capabilities

2.**Team Onboarding:**

•Create technical specification doc

•Set up project management (I recommend Linear or Jira)

•Schedule regular sync meetings

3.**Funding Materials:**

•I can help create:

•Pitch deck template

•Sample grant proposal (Mozilla-focused)

•Crowdfunding campaign outline